

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of	)	
	)	
Brig Barnum Elliott	)	Group Art Unit: Unassigned
	)	
Application No.: Unassigned	)	Examiner: Unassigned
	)	
Filed:	)	
	)	
Title: AUTHENTICATION IN A QUANTUM	)	
CRYPTOGRAPHIC SYSTEM	)	

**INFORMATION DISCLOSURE STATEMENT UNDER 37 C.F.R. § 1.97(b)**

Mail Stop Patent Application  
P.O. Box 1450  
Alexandria, Virginia 22313-10450

Sir:

Pursuant to 37 C.F.R. §§ 1.56 and 1.97(b), Applicant(s) bring to the attention of the Examiner the documents listed on the attached PTO 1449. This Information Disclosure Statement is being filed before the mailing date of a first Office Action in the above-referenced application. As such, no certification or fee is required. Copies of the listed documents are attached.

Applicant(s) respectfully request(s) that the Examiner consider the listed documents and indicate that they were considered by making appropriate notations on the attached form.

If any copending application(s) is/are cited on the attached PTO 1449, the Examiner's attention is directed to the foregoing application(s) in compliance with § 2001.06(b) of the Manual of Patent Examining Procedure. By identifying the copending application(s), the assignee and/or applicant of the application(s) do not waive confidentiality of the application(s). Accordingly, the U.S. Patent and Trademark Office is requested to maintain the confidentiality of the copending application(s) under 35 U.S.C. § 122.

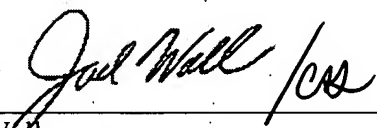
This submission does not represent that a search has been made and does not constitute an admission that each or all of the listed documents are material or constitute "prior art." If the Examiner applies any of the documents as prior art against any claim in the application and Applicant(s) determine(s) that the cited document(s) do not constitute "prior art" under United States law, Applicant(s) reserve(s) the right to present to the Office the relevant facts and law regarding the appropriate status of such documents.

Applicant(s) further reserve(s) the right to take appropriate action to establish the patentability of the disclosed invention over the listed documents, should one or more of the documents be applied against the claims of the present application.

If there is any fee due in connection with the filing of this Statement, please charge the fee to our Deposit Account No. 07-2347.

Respectfully submitted,

By: \_\_\_\_\_

  
Joel Wall  
Reg. No. 25,648

Verizon Corporate Services Group Inc.  
600 Hidden Ridge Drive  
Mail Code: HQE03H14  
Irving, Texas 75038  
(972) 718-4800  
Customer Number: 32127

Date: March 10, 2004

<b>INFORMATION DISCLOSURE CITATION</b> PTO-1449		Customer Number: 32127	ATTORNEY'S DKT No. 03-4029		APPLICATION No. Unassigned	
			APPLICANT(S) Brig Barnum Elliott			
			FILING DATE		GROUP Unassigned	
<b>U.S. PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE
<b>FOREIGN PATENT DOCUMENTS</b>						
EXAMINER'S INITIALS	PATENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translation Yes    No
<b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>						
	G.A. Barbosa et al.: "Secure Communication Using Mesoscopic Coherent States," Northwestern University, Evanston, IL, April 17, 2003, pages 1-4.					
	G.A. Barbosa et al.: "Secure Communication Using Coherent States," in Quantum Communication, Measurement, and Computing (QCMC'02), Rinton Press, New Jersey, 2002, pages 1-3.					
	Frederic Grosshans et al.: "Quantum key distribution using gaussian-modulated coherent states," 2003 Nature Publishing Group, Vol. 421, January 16, 2003, pages 238-241.					
EXAMINER				DATE CONSIDERED		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).